

JUL 2002

BIRCH, STEWART, KOLASCH & BIRCH

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

ATTORNEY DOCKET NO
0965-0380P

PLEASE NOTE:
YOU MUST
COMPLETE THE
FOLLOWING:

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated next to my name, that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

Insert Title:

Twin-drum Continuous Casting Apparatus and Method

Fill in Appropriate
Information -
For Use Without
Specification
Attached:

the specification of which is attached hereto. If not attached hereto,

the specification was filed on _____

United States Application Number _____

the specification was filed on July 19, 2001 as PCT

International Application Number PCT/JP01/06268; and was

amended under PCT Article 19 on _____ (if applicable)

COPY

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority
Information:
(if appropriate)

Prior Foreign Application(s)

2000-218659

(Number)

Japan

(Country)

July 19, 2000

(Month/Day/Year Filed)

Priority Claimed

☒ Yes

☐ No

2000-226615

(Number)

Japan

(Country)

July 27, 2000

(Month/Day/Year Filed)

☒ Yes

☐ No

2001-15357

(Number)

Japan

(Country)

January 24, 2001

(Month/Day/Year Filed)

☒ Yes

☐ No

2001-203798

(Number)

Japan

(Country)

July 4, 2001

(Month/Day/Year Filed)

☒ Yes

☐ No

(Number)

(Country)

(Month/Day/Year Filed)

☐ Yes

☐ No

Insert Provisional
Application(s):
(if any)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:

Insert Requested
Information:
(if appropriate)

Country

Application No

Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Insert Prior U.S.
Application(s):
(if any)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Terrell C. Birch (Reg. No. 19,382)
 Joseph A. Kolasch (Reg. No. 22,463)
 Bernard L. Sweeney (Reg. No. 24,448)
 Charles Gorenstein (Reg. No. 29,271)
 Leonard R. Svensson (Reg. No. 30,330)
 Andrew D. Meikle (Reg. No. 32,868)
 Joe McKinney Muncy (Reg. No. 32,334)
 C. Joseph Faraci (Reg. No. 32,350)

Raymond C. Stewart (Reg. No. 21,066)
 James M. Slattery (Reg. No. 28,380)
 Michael K. Mutter (Reg. No. 29,680)
 Gerald M. Murphy, Jr. (Reg. No. 28,977)
 Terry L. Clark (Reg. No. 32,644)
 Marc S. Weiner (Reg. No. 32,181)
 Donald J. Daley (Reg. No. 34,313)

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:
 YOU MUST
 COMPLETE THE
 FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole
 Inventor:
 Insert Name of Inventor
 Insert Date This
 Document is Signed

Insert Residence
 Insert Citizenship

Insert Post Office
 Address

Full Name of Second
 Inventor, if any:

see above

Full Name of Third
 Inventor, if any

see above

Full Name of Fourth
 Inventor, if any

see above

Full Name of Fifth
 Inventor, if any

see above

GIVEN NAME <u>Keiichi</u>	FAMILY NAME <u>YAMAMOTO</u>	INVENTOR'S SIGNATURE <u>Keiichi Yamamoto</u>	DATE* <u>March 20, 2002</u>
Residence (City, State & Country) <u>Hiroshima-shi, Hiroshima, Japan JPX</u>		CITIZENSHIP <u>Japan</u>	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>c/o Hiroshima Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD. 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553</u>			
GIVEN NAME <u>Ritsuo</u>	FAMILY NAME <u>HASHIMOTO</u>	INVENTOR'S SIGNATURE <u>Ritsuo Hashimoto</u>	DATE* <u>Japan March 20, 2002</u>
Residence (City, State & Country) <u>Hiroshima-shi, Hiroshima, Japan JPX</u>		CITIZENSHIP <u>Japan</u>	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>c/o Hiroshima Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD. 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553</u>			
GIVEN NAME <u>Mitsuo</u>	FAMILY NAME <u>TANI</u>	INVENTOR'S SIGNATURE <u>Mitsuo Tani</u>	DATE* <u>Japan March 20, 2002</u>
Residence (City, State & Country) <u>Hiroshima-shi, Hiroshima, Japan JPX</u>		CITIZENSHIP <u>Japan</u>	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>c/o Hiroshima Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD. 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553</u>			
GIVEN NAME <u>Kazutoshi</u>	FAMILY NAME <u>YOKOO</u>	INVENTOR'S SIGNATURE <u>Kazutoshi Yokoo</u>	DATE* <u>Japan March 20, 2002</u>
Residence (City, State & Country) <u>Hiroshima-shi, Hiroshima, Japan JPX</u>		CITIZENSHIP <u>Japan</u>	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>c/o Hiroshima Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD. 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553</u>			
GIVEN NAME <u>Jyoji</u>	FAMILY NAME <u>YUSA</u>	INVENTOR'S SIGNATURE <u>Jyoji Yusa</u>	DATE* <u>Japan March 20, 2002</u>
Residence (City, State & Country) <u>Hiroshima-shi, Hiroshima, Japan JPX</u>		CITIZENSHIP <u>Japan</u>	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) <u>c/o Hiroshima Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD. 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553 Japan</u>			

* DATE OF SIGNATURE

Full Name of Sixth Inventor

Insert Name of Inventor
Insert Date This Document is Signed

Insert Residence
Insert Citizenship

Insert Post Office Address

Full Name of Seventh Inventor, if any:

see above

Full Name of Eighth Inventor, if any

see above

Full Name of Ninth Inventor, if any

see above

Full Name of Tenth Inventor, if any

see above

GIVEN NAME <u>Kunimasa</u>	FAMILY NAME <u>SASAKI</u>	INVENTOR'S SIGNATURE <u>佐々木 邦政</u>	DATE* March 20, 2002
Residence (City, State & Country) <u>Shinjuku-ku, Tokyo, Japan</u>		CITIZENSHIP Japan	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o MHI STEEL MACHINERY ENGINEERING & SERVICE CO., LTD. 15-1, Tomihisacho, Shinjuku-ku, Tokyo 162-0067 Japan			
GIVEN NAME <u>Katsuyoshi</u>	FAMILY NAME <u>MIYAKE</u>	INVENTOR'S SIGNATURE <u>Katsuyoshi Miyake</u>	DATE* March 20, 2002
Residence (City, State & Country) <u>Hiroshima-shi, Hiroshima, Japan</u>		CITIZENSHIP Japan	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Hiroshima Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD. 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0036 Japan			
GIVEN NAME <u>Katsuyuki</u>	FAMILY NAME <u>ISOGAMI</u>	INVENTOR'S SIGNATURE <u>磯上 啓行</u>	DATE* March 20, 2002
Residence (City, State & Country) <u>Hikari-shi, Yamaguchi, Japan</u>		CITIZENSHIP Japan	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o NIPPON STEEL CORPORATION, HIKARI WORKS 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 Japan			
GIVEN NAME <u>Mamoru</u>	FAMILY NAME <u>YAMADA</u>	INVENTOR'S SIGNATURE <u>Mamoru Yamada</u>	DATE* March 20, 2002
Residence (City, State & Country) <u>Hikari-shi, Yamaguchi, Japan</u>		CITIZENSHIP Japan	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o NIPPON STEEL CORPORATION, HIKARI WORKS 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 Japan			
GIVEN NAME <u>Tsuyoshi</u>	FAMILY NAME <u>TANAKA</u>	INVENTOR'S SIGNATURE <u>Tsuyoshi Tanaka</u>	DATE* March 20, 2002
Residence (City, State & Country) <u>Hikarai-shi, Yamaguchi, Japan</u>		CITIZENSHIP Japan	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o NIPPON STEEL CORPORATION, HIKARI WORKS 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 Japan			

* DATE OF SIGNATURE

Full Name of Eleventh Inventor: Insert Name of Inventor Insert Date This Document is Signed Insert Residence Insert Citizenship Insert Post Office Address	<p>GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE*</p> <p><u>Takashi</u> <u>ARAI</u> <u>Takashi Arai</u> March 20, 2002</p> <p>Residence (City, State & Country)</p> <p><u>Hikari-shi, Yamaguchi, Japan</u> <u>SPX</u> CITIZENSHIP Japan</p> <p>POST OFFICE ADDRESS (Complete Street Address including City, State & Country)</p> <p><u>c/o NIPPON STEEL CORPORATION, HIKARI WORKS</u> <u>3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 Japan</u></p>
Full Name of Twelfth Inventor, if any: see above	<p>GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE*</p> <p><u>Tadahiro</u> <u>IZU</u> <u>Tadahiro Izu</u> March 20, 2002</p> <p>Residence (City, State & Country)</p> <p><u>Hikari-shi, Yamaguchi, Japan</u> CITIZENSHIP Japan</p> <p>POST OFFICE ADDRESS (Complete Street Address including City, State & Country)</p> <p><u>c/o NIPPON STEEL CORPORATION, HIKARI WORKS</u> <u>3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 Japan</u></p>
Full Name of Thirteenth Inventor, if any: see above	<p>GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE*</p> <p><u>Keiji</u> <u>TSUNENARI</u> <u>Keiji Tsunenari</u> March 20, 2002</p> <p>Residence (City, State & Country)</p> <p><u>Futtsu-shi, Chiba, Japan</u> <u>JIX</u> CITIZENSHIP Japan</p> <p>POST OFFICE ADDRESS (Complete Street Address including City, State & Country)</p> <p><u>c/o NIPPON STEEL CORPORATION, Technical Development Bureau</u> <u>20-1, Shintomi, Futtsu-shi, Chiba 293-8511 Japan</u></p>
Full Name of Fourteenth Inventor, if any: see above	<p>GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE*</p> <p><u>Kazuto</u> <u>YAMAMURA</u> <u>Kazuto Yamamura</u> March 20, 2002</p> <p>Residence (City, State & Country)</p> <p><u>Futtsu-shi, Chiba, Japan</u> <u>JIX</u> CITIZENSHIP Japan</p> <p>POST OFFICE ADDRESS (Complete Street Address including City, State & Country)</p> <p><u>c/o NIPPON STEEL CORPORATION, Technical Development Bureau</u> <u>20-1, Shintomi, Futtsu-shi, Chiba 293-8511 Japan</u></p>
Full Name of Fifteenth Inventor, if any: see above	<p>GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE*</p> <p><u>Hiroshi</u> <u>IZAKI</u> <u>Hiroshi Izaki</u> March 20, 2002</p> <p>Residence (City, State & Country)</p> <p><u>Hikari-shi, Yamaguchi, Japan</u> <u>SPX</u> CITIZENSHIP Japan</p> <p>POST OFFICE ADDRESS (Complete Street Address including City, State & Country)</p> <p><u>c/o NIPPON STEEL CORPORATION, HIKARI WORKS</u> <u>3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 Japan</u></p>